

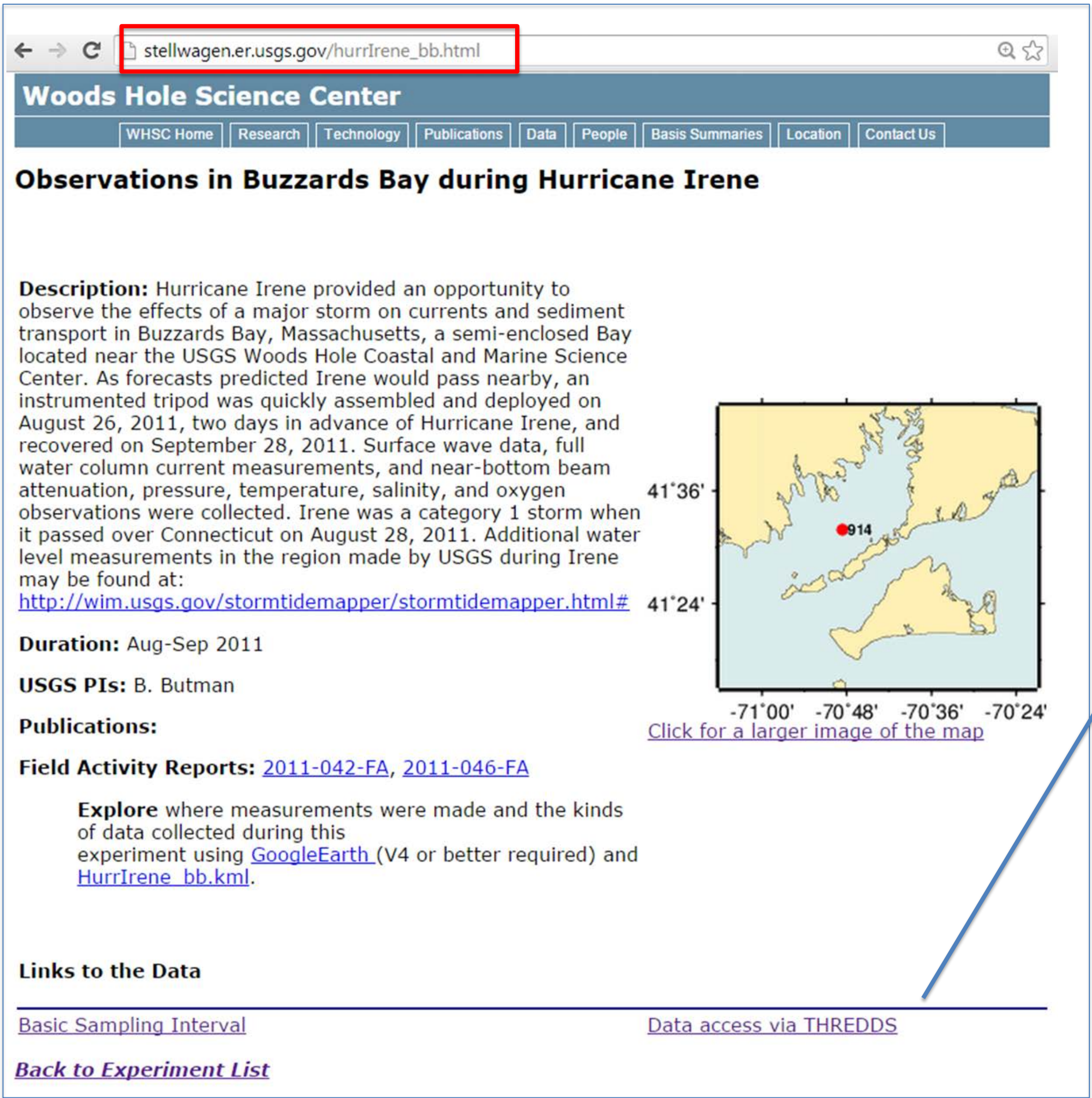
Data Publication and Access via Approved Database

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Here’s how to make it happen:

- Document the data acquisition, QA/QC, metadata, content, review process and formats appropriate to the data in an Open File Report (or similar publication)
- Establish a website to serve the data, preferably using services that enable access and discovery; have it reviewed, but don’t publish until approved.
- Obtain Database Approval (from your center Director)
 - Approval is based on adequate description of the workflow and conformance to USGS Survey Manual and FSP (IM OSQI 2015-03; SM 502.5)
- Follow the process described in the document to process and review a new dataset and its metadata
- Obtain a Dataset DOI for the new dataset
- Publish the new conforming dataset to the website with DOI citation.

Example Oceanographic Time-Series Database experiment page:



Woods Hole Science Center

Observations in Buzzards Bay during Hurricane Irene

Description: Hurricane Irene provided an opportunity to observe the effects of a major storm on currents and sediment transport in Buzzards Bay, Massachusetts, a semi-enclosed Bay located near the USGS Woods Hole Coastal and Marine Science Center. As forecasts predicted Irene would pass nearby, an instrumented tripod was quickly assembled and deployed on August 26, 2011, two days in advance of Hurricane Irene, and recovered on September 28, 2011. Surface wave data, full water column current measurements, and near-bottom beam attenuation, pressure, temperature, salinity, and oxygen observations were collected. Irene was a category 1 storm when it passed over Connecticut on August 28, 2011. Additional water level measurements in the region made by USGS during Irene may be found at: <http://wim.usgs.gov/stormtidemapper/stormtidemapper.html#>

Duration: Aug-Sep 2011

USGS PIs: B. Butman

Publications:

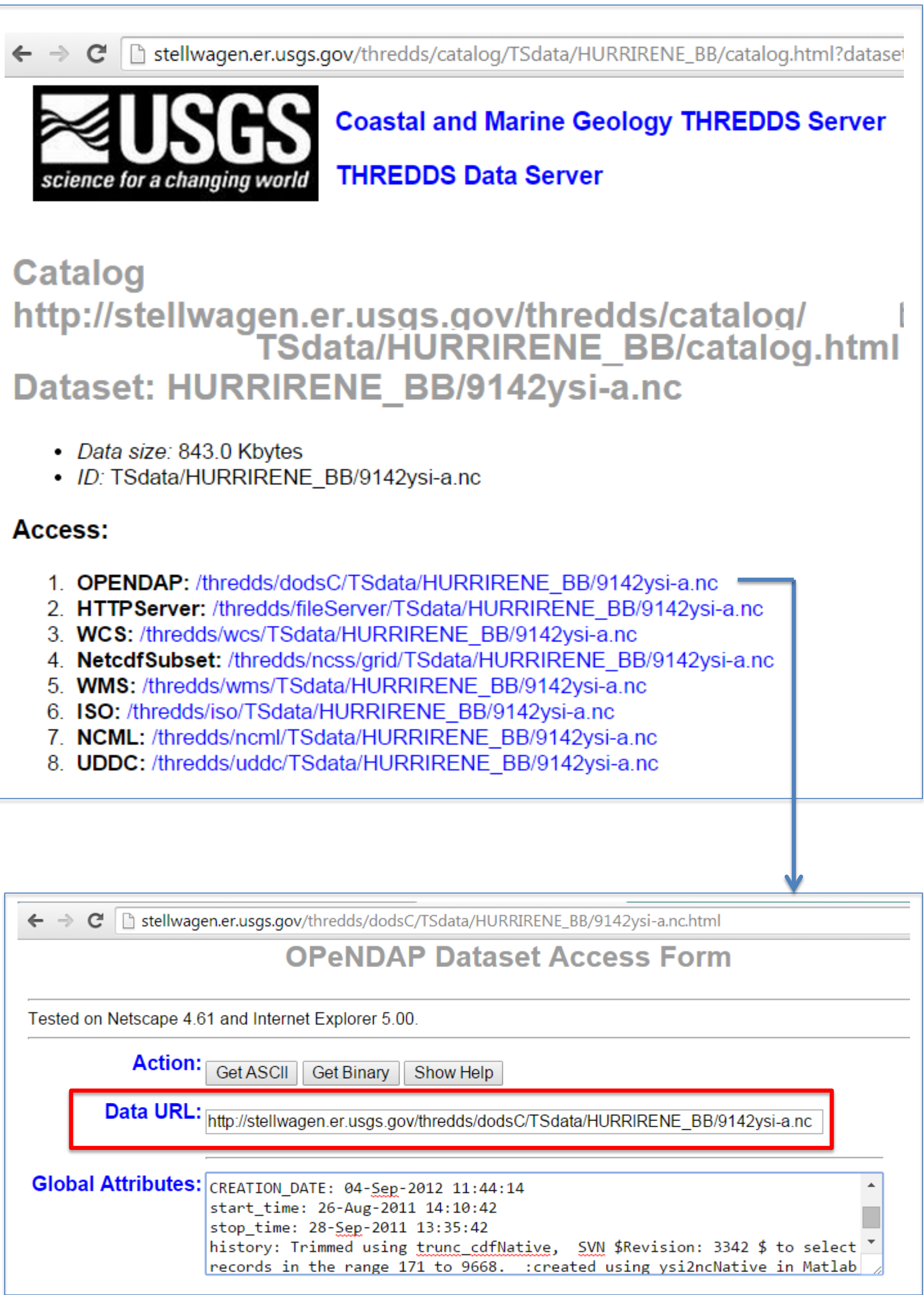
Field Activity Reports: [2011-042-FA](#), [2011-046-FA](#)

Explore where measurements were made and the kinds of data collected during this experiment using [GoogleEarth](#) (V4 or better required) and [Hurricane_BB.kml](#).

Links to the Data

[Basic Sampling Interval](#) [Data access via THREDDS](#)

[Back to Experiment List](#)



USGS Coastal and Marine Geology THREDDS Server
THREDDS Data Server

Catalog
http://stellwagen.er.usgs.gov/thredds/catalog/TSdata/HURRIRENE_BB/catalog.html

Dataset: HURRIRENE_BB/9142ysi-a.nc

- Data size: 843.0 Kbytes
- ID: TSdata/HURRIRENE_BB/9142ysi-a.nc

Access:

1. **OPENDAP:** [/thredds/dodsC/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
2. **HTTPServer:** [/thredds/fileServer/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
3. **WCS:** [/thredds/wcs/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
4. **NetcdfSubset:** [/thredds/netcdfSubset/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
5. **WMS:** [/thredds/wms/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
6. **ISO:** [/thredds/iso/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
7. **NCML:** [/thredds/ncml/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)
8. **UDDC:** [/thredds/uddc/TSdata/HURRIRENE_BB/9142ysi-a.nc](#)

OPeNDAP Dataset Access Form

Tested on Netscape 4.61 and Internet Explorer 5.00.

Action: [Get ASCII](#) [Get Binary](#) [Show Help](#)

Data URL: http://stellwagen.er.usgs.gov/thredds/dodsC/TSdata/HURRIRENE_BB/9142ysi-a.nc

Global Attributes: CREATION_DATE: 04-Sep-2012 11:44:14
start_time: 26-Aug-2011 14:10:42
stop_time: 28-Sep-2011 13:35:42
history: Trimmed using [trunc_cdfNative](#), [SVN](#) \$Revision: 3342 \$ to select records in the range 171 to 9668. :created using [ysi2ncNative](#) in Matlab

Examples of USGS Approved Databases maintained by Coastal and Marine Geology Program

Database approval document title	Link to approval document	Link to website serving the data
Documentation of the U.S. Geological Survey Oceanographic Time-Series Measurement Database. Montgomery, et al., 2007	http://woodshole.er.usgs.gov/pubs/of2007-1194/	http://stellwagen.er.usgs.gov/
Documentation of the U.S. Geological Survey Sea Floor Stress and Sediment Mobility Database. Dalyander, et al., 2012	http://pubs.usgs.gov/of/2012/1137/	http://woodshole.er.usgs.gov/project-pages/mobility/
U.S. Geological Survey East-Coast Sediment Analysis: Procedures, Database, and GIS Data. Poppe, et al., 2005	http://woodshole.er.usgs.gov/openfile/of2005-1001/	http://woodshole.er.usgs.gov/project-pages/sediment/